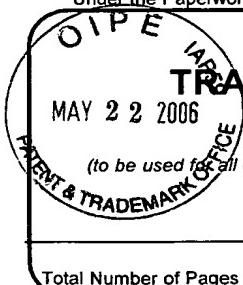


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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/715712
Filing Date	11/17/2003
First Named Inventor	James M. Bell ET AL.
Art Unit	3671
Examiner Name	Victor D Batson
Attorney Docket Number	02-279

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
 Fee Attached
 Amendment/Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Documents
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
 Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation
 Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____

- After Allowance communication to Technology Center (TC)
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosures(s) (please identify below):

Request for Certificate of Correction Under 37 CFR 1.323 (to be forwarded to CofC Branch Upon Grant of Petition)

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	William A. Beckman, Registration No. 57,589
Signature	<i>William A. Beckman</i>
Date	May 16, 2006

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to:
 Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date:

05/16/2006

Typed or printed name	William A. Beckman
Signature	<i>William A. Beckman</i>
Date	5/16/2006

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



MAY 22 2006

PTO/SB/17 (05-03)

Approved for use through 07/31/2006. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
130

Complete if Known

Application Number	10/715712
Filing Date	11/17/2003
First Named Inventor	James M. Bell ET AL.
Examiner Name	Victor D Batson
Art Unit	3671
Attorney Docket No.	02-279

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

 Deposit Account

Deposit

Account **03-1129**

Number

Deposit

Account Name

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 790	2001 385	Utility filing fee	
1002 350	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 790	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	20	Extra Claims	Fee from below	Fee Paid
Total Claims	20	-20** =	0 X 50	= 0
Independent Claims	3	-3** =	0 X 200	= 0
Multiple Dependent	3			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2002 9	Claims in excess of 20
1201 88	2001 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 88	2204 43	**Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		0

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 210	Extension for reply within second month	
1253 980	2253 475	Extension for reply within third month	
1254 1,530	2254 740	Extension for reply within fourth month	
1255 2,080	2255 1,005	Extension for reply within fifth month	
1401 340	2401 165	Notice of Appeal	
1402 340	2402 165	Filing a brief in support of an appeal	
1403 300	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 665	Petition to revive - unintentional	
1501 1,370	2501 665	Utility issue fee (or reissue)	
1502 490	2502 240	Design issue fee	
1503 660	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			130

(Complete if applicable)

Name (Print/Type)	William A. Beckman	Registration No. (Attorney/Agent)	57,589	Telephone	(309) 675-5187
Signature	<i>William A. Beckman</i>				
Date	05/16/2006				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Letters) Group Art Unit: 3671
Patent No.: 7,017,674) Examiner: Victor D Batson
Granted: March 28, 2006)
Inventor: JAMES M. BELL, ET AL.)
Title: METHOD OF CHANGING)
OPERATING CHARACTERISTICS)
OF AN IMPLEMENT)
Attorney Docket No.: 02-279)

Peoria, Illinois 61629-6490
May 16, 2006

Mail Stop Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION REQUEST UNDER 37 CFR 3.81(b)

Sir:

On January 18, 2006, Applicant submitted form PTOL-85B with payment of the Issue Fee. Applicant inadvertently failed to include on form PTOL-85B the names of the registered patent attorneys or agents (Item 2 (1)), and Applicant also failed to include the correct Name of Assignee (Item 3 A) and Residence (Item 3 B).

Applicant is requesting to add the name of Todd A. Benni under Item 2 (1).

Additionally, by this PETITION REQUEST UNDER 37 CFR 3.81(b),
Applicant is requesting to correct the Name of Assignee under Item 3 A to reflect the Assignee of Record (Caterpillar S.A.R.L.) as noted on the enclosed copy of the Notice of Recordation of Assignment Document, Reel and Frame 014713/0160, recorded on November 17, 2003, and Assignee's Residence under Item 3B (Geneva, Switzerland).

05/23/2006 MAHMED1 00000058 031129 7017674

01 FC:1811 100.00 DA

It is respectfully requested that the Petition be granted and that the enclosed REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.323 be forwarded to the Certificates of Correction Branch.

Enclosed herewith are two copies of a fee transmittal sheet to provide for the appropriate fee of \$130.00 for the Petition Request.

Respectfully submitted,

William A. Beckman

William A. Beckman
Registration No. 57,589
Caterpillar Inc.

Telephone: (309) 675-5187
WAB:vlm
Enc.



DLM | -
| KAL

UNITED STATES PATENT AND TRADEMARK OFFICE

**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE**

JUNE 09, 2004

PTAS



102608511A

CATERPILLAR INC. *CAW*

TODD A. BENNI

TODD A. BENNETT
INTELLECTUAL PROPERTY DEPARTMENT, AB6490
100 N. E. ADAMS STREET
PEORIA, IL 61629-6490

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/17/2003

REEL/FRAME: 014713/0160
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BELL, JAMES M.

DOC DATE: 10/23/2003

ASSIGNOR:
DVORAK, PAUL A.

DOC. DATE: 11/03/2003

ASSIGNOR:
SCHENCK, RAYMOND T.

DOC DATE: 10/31/2003

ASSIGNOR:
SPOERER MARK A

DOC DATE: 11/04/2003

ASSIGNEE:
CATERPILLAR S.A.R.L.
76, ROUTE DE FRONTENEX
C/O CATERPILLAR OVERSEAS S.A.
1211 GENEVA SWITZERLAND

RECEIVED
INTELLECTUAL PROPERTY
JUN 21 2004

CATERPILLAR INC.

014713/0160 PAGE 2

SERIAL NUMBER: 10715712

FILING DATE: 11/17/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD OF CHANGING OPERATING CHARACTERISTICS OF AN IMPLEMENT

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-25-2003



102608511

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

11/17/03

RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James M. Bell

Paul A. Dvorak

Raymond T. Schenck

Mark A. Sporer

2. Name and address of receiving party(ies):

Name:

Caterpillar S.A.R.L.

Internal Address:

c/o Caterpillar Overseas S.A.
76, Route de Frontenex
1211 Geneva, SWITZERLANDAdditional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: 10/23/2003
11/03/2003
10/31/2003
11/04/2003Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 10/23/2003

A. Patent Application No.(s)

10715712

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Todd A. Benni
Caterpillar Inc.
Intellectual Property Department, AB6490
100 N. E. Adams Street
Peoria IL 61629-64906. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

03-1129

DO NOT USE THIS SPACE

9. Signature.

11/24/2003 GT0N11 00000074 031129 10715712
01 EC:801 40.00 DA

Todd A. Benni

Name of Person Signing

Docket Number: 02-279

Todd A. Benni

Signature

11/17/2003

Date

Total number of pages including cover sheet, attachments, and documents: 0317548 U.S.PTO
10/715712

ASSIGNMENT

WHEREAS, James M. Bell, Paul A. Dvorak, Raymond T. Schenck, and Mark A. Sporer, residing respectively at Clayton, North Carolina; Sanford, North Carolina; Morrisville, North Carolina; and Apex, North Carolina, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD OF CHANGING OPERATING CHARACTERISTICS OF AN IMPLEMENT

for which ASSIGNORS are about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNORS on October 23, 2003, November 3, 2003, October 31, 2003, and November 4, 2003; and

WHEREAS, Caterpillar S.A.R.L., a corporation duly organized and existing under the laws of Switzerland, domiciled at c/o Caterpillar Overseas S. A., 76, Route de Frontenex, 1211 Geneva, Switzerland, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNORS have the full right to do so.
2. At the request and expense of ASSIGNEE, ASSIGNORS agree to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
3. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar S.A.R.L.
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, ASSIGNORS' heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.



JAMES M. BELL

10/23/03
Date

IN WITNESS OF the execution hereof by JAMES M. BELL we have hereunto set our hands.

Daniel W. 10/23/03
Witness (1) Date
Address: 203, BARTNER DR
CARY, NC 27513

Po. addr 10-23-03
Witness (2) Date
Address: 809 LAKESIDE DR
GARNER, NC 27529



PAUL A. DVORAK

11/2/03
Date

IN WITNESS OF the execution hereof by PAUL A. DVORAK we have hereunto set our hands.

Matthew C. Full 11-3-03
Witness (1) Date
Address: 1001 Greylock Ct.
Raleigh, NC 27603

Matthew D. Mullings 11/3/03
Witness (2) Date
Address: 131 Churchill Downs Dr.
Clayton, NC 27520



RAYMOND T. SCHENCK

31 OCT 2003
Date

IN WITNESS OF the execution hereof by RAYMOND T. SCHENCK we have hereunto set our hands.

Darlene D. Stone 31 OCT 03
Witness (1) Date
Address: 112 KILDROW LN
MORRISVILLE, NC 27560

Darlene D. Lester 31 OCT 2003
Witness (2) Date
Address: 5947 DIXON DR
RALEIGH, NC 27607

Mark A. Sporer
MARK A. SPORER

11/4/03
Date

IN WITNESS OF the execution hereof by MARK A. SPORER we have hereunto set our hands.

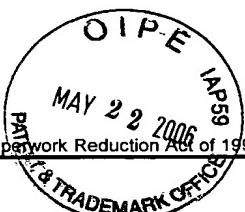
Keith A. Fernandes 11/4/03
Witness (1) Date

Address: 2123-208 Barrington Manor Dr.
Raleigh, NC 27612

Dave Johnson 11/4/03
Witness (2) Date

Address: 321 MacLust Drive
Garner, NC 27529

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

	Application Number	10/715712
	Filing Date	11/17/2003
	First Named Inventor	James M. Bell ET AL.
	Art Unit	3671
	Examiner Name	Victor D Batson
Total Number of Pages in This Submission	Attorney Docket Number	02-279

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input checked="" type="checkbox"/> Other Enclosures(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Change of Correspondence Address	 Request for Certificate of Correction
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	William A. Beckman, Registration No. 57,589
Signature	
Date	May 16, 2006

CERTIFICATE OF MAILINGI hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to:
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date:

05/16/2006

Typed or printed name	William A. Beckman
Signature	
Date	5/16/2006

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